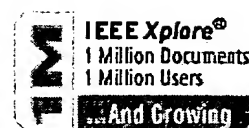


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1 Dynamic reconfiguration for high level in-vehicle applications using IEEE-1394*Chaaban, K.; Shawky, M.; Crubille, P.;*

Intelligent Transportation Systems, 2004. Proceedings. The 7th International Conference on , Oct. 3-6, 2004

Pages:826 - 830

[\[Abstract\]](#)[\[PDF Full-Text \(684 KB\)\]](#)

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2. Home network middleware architecture for supporting both dynamic reconfiguration and real-time services*Jun-Ho Park; Soon-Ju Kang; Kyung-Duk Moon; Tae-Gun Kim;*

Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. International Conference on , 13-15 June 2000

Pages:372 - 373

[\[Abstract\]](#)[\[PDF Full-Text \(144 KB\)\]](#)

IEEE CNF

3 Integrating IEEE 1394 as infotainment backbone into the automotive environment*Rabel, M.; Schmeiser, A.; Grossmann, H.P.;*

Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd , Volume: 3 , 6-9 May 2001

Pages:2026 - 2031 vol.3

[\[Abstract\]](#)[\[PDF Full-Text \(420 KB\)\]](#)

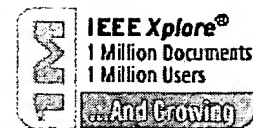
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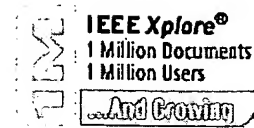
1 An intelligent IEEE 1394 hub architecture

Yamamoto, H.; Chikamura, K.; Izumi, T.; Onoye, T.; Nakamura, Y.;
 Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on , Volume: 2 , 26-29 May 2002
 Pages:II-249 - II-252 vol.2

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1 The IEEE 1394 bus

Paskins, A.;

New High Capacity Digital Media and Their Applications (Digest No: 1997/114)
Half-Day Colloquium on , 12 May 1997

Pages:4/1 - 4/6

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) **IEE CNF**

2 A design-diversity based fault-tolerant COTS avionics bus network

Chau, S.N.; Smith, J.; Tai, T.;

Dependable Computing, 2001. Proceedings. 2001 Pacific Rim International Symposium on , 17-19 Dec. 2001

Pages:35 - 42

[\[Abstract\]](#) [\[PDF Full-Text \(826 KB\)\]](#) **IEEE CNF**

3 IEEE 1394: a ubiquitous bus

Hoffman, G.; Moore, D.;

Compton, '95.'Technologies for the Information Superhighway', Digest of Paper
 , 5-9 March 1995

Pages:334 - 338

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) **IEEE CNF**

4 IEEE 1394: a growing computer connectivity standard for automated test

Purcell, A.;

Aerospace and Electronic Systems Magazine, IEEE , Volume: 16 , Issue: 5 , M
2001

Pages:7 - 10

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE JNL

5 IEEE 1394: a growing computer connectivity standard for automated test

Purcell, A.;

AUTOTESTCON Proceedings, 2000 IEEE , 18-21 Sept. 2000

Pages:398 - 402

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF

6 IEEE 1394: changing the way we do multimedia communications

Thompson, D.;

Multimedia, IEEE , Volume: 7 , Issue: 2 , April-June 2000

Pages:94 - 100

[\[Abstract\]](#) [\[PDF Full-Text \(72 KB\)\]](#) IEEE JNL

7 Applicability of cyclic-memory networks and IEEE 1394 for fine motion control and arcade games

Matsuda, K.; Shin, K.G.;

Real-Time Computing Systems and Applications, 1999. RTCSA '99. Sixth International Conference on , 13-15 Dec. 1999

Pages:378 - 381

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) IEEE CNF

8 IEEE-1394: a standard for the next millenium

Santamaria, R.;

Digital Avionics Systems Conference, 1999. Proceedings. 18th , Volume: 1/17 vol.1 , 24-29 Oct. 1999

Pages:1.C.2-1 - 1.C.2-7 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(512 KB\)\]](#) IEEE CNF

9 An empirical analysis of the IEEE-1394 serial bus protocol

Steinberg, D.; Birk, Y.;

Micro, IEEE , Volume: 20 , Issue: 1 , Jan.-Feb. 2000

Pages:58 - 65

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) IEEE JNL

10 A study for the optical wireless module based on IEEE 1394

Nishimaki, K.; Hirohashi, K.; Toguchi, S.; Hara, M.;

Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. International Conference on , 13-15 June 2000

Pages:202 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) IEEE CNF

11 Priority queue-based IEEE 1394 device driver for supporting real-time characteristics

Hyo-Sang Lim; Dong-Hwan Park; Soon-Ju Kang; Pong-Jin Oh;

Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. International Conference on , 13-15 June 2000
Pages:198 - 199

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE CNF

12 An analysis of the performance of TCP over IEEE 1394 home network
Chiewon Lee; Jongwook Jang; Park, E.K.; Makki, S.;
Computer Communications and Networks, 1999. Proceedings. Eight International Conference on , 11-13 Oct. 1999
Pages:199 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) IEEE CNF

13 125 Mbps IR wireless link for IEEE 1394 multimedia home network
Matsuda, J.-I.; Nyu, T.; Saito, T.; Yamazaki, S.;
Optical Communication, 1998. 24th European Conference on , Volume: 1 , 20 Sept. 1998
Pages:343 - 344 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE CNF

14 Simple channel allocation method for IP multicast over IEEE-1394 channels
Gyung-Gui Moon; Hyo-Jun Lim; Chong-Kwon Kim;
Electronics Letters , Volume: 36 , Issue: 4 , 17 Feb. 2000
Pages:384 - 385

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) IEE JNL

15 Loop prevention for IEEE 1394 network
Yago, H.; Takano, T.; Tokura, N.;
Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. International Conference on , 13-15 June 2000
Pages:206 - 207

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) IEEE CNF

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1 [Proceedings - only: Position paper: the role of platforms and operating systems in supporting home networks](#)

Nigel Davies, Pierre-Guillaume Raverdy

 September 2000 **Proceedings of the 9th workshop on ACM SIGOPS European workshop: beyond the PC: new challenges for the operating system**
Full text available: [pdf\(37.75 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#)

As researchers look beyond the PC there is increasing interest in developing and deploying sophisticated home networks. Such networks might allow the seamless integration of information and services produced both within the home and externally, enabling applications such as the purchase of on-line AV content, tight coupling between kitchen sensors and "Web Van" order forms, and home remote control. From a manufacturers perspective, particularly those manufacturers traditionally associated with b ...

2 [GFX Linux as a Video Desktop](#)

Robin Rowe

February 2001 **Linux Journal**Full text available: [html\(13.04 KB\)](#)Additional Information: [full citation](#), [index terms](#)

3 [Inventing the networked home: Sun, 3 Com, and other companies share their visions of the future at CES](#)

Brent Butterworth

March 2000 **netWorker**, Volume 4 Issue 1Full text available: [pdf\(1.56 MB\)](#)Additional Information: [full citation](#), [index terms](#)

4 [Using TAME to prove invariants of automata models: Two case studies](#)

Myla Archer, Constance Heitmeyer, Elvinia Riccobene

 August 2000 **Proceedings of the third workshop on Formal methods in software practice**
Full text available: [pdf\(658.56 KB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

TAME is a special-purpose interface to PVS designed to support developers of software

systems in proving properties of automata models. One of TAME's major goals is to allow a software developer who has basic knowledge of standard logic, and can do hand proofs, to use PVS to represent and to prove properties about an automaton model without first becoming a PVS expert. A second goal is for a human to be able to read and understand the content of saved TAME proofs without running them through ...

Keywords: Software engineering, formal methods, software requirements analysis, theorem proving, verification

5 SMC: a symmetry-based model checker for verification of safety and liveness properties

A. Prasad Sistla, Viktor Gyuris, E. Allen Emerson

April 2000 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 9 Issue 2

Full text available:  pdf(217.86 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


The article presents the SMC system. SMC can be used for checking safety and liveness properties of concurrent programs under different fairness assumptions. It is based on explicit state enumeration. It combats the state explosion by exploiting symmetries of the input concurrent program, usually present in the form of identical processes, in two different ways. Firstly, it reduces the number of explored states by identifying those states that are equivalent under the symmetries of the system ...

Keywords: automata, model checking

6 The digital atheneum: new approaches for preserving, restoring and analyzing damaged manuscripts

Michael S. Brown, W. Brent

January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries**

Full text available:  pdf(2.30 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents research focused on developing new techniques and algorithms for the digital acquisition, restoration, and study of damaged manuscripts. We present results from an acquisition effort in partnership with the British Library, funded through the NSF DLI-2 program, designed to capture 3-D models of old and damaged manuscripts. We show how these 3-D facsimiles can be analyzed and manipulated in ways that are tedious or even impossible if confined to the physical manuscript. ...

Keywords: digital libraries, digital preservation, document analysis, humanities computing, restoration

7 Columns: Public policy: domain names, digital television, CFP2000, ACM book on intellectual property and third on-line survey

Bob Ellis

February 2000 **ACM SIGGRAPH Computer Graphics**, Volume 34 Issue 1

Full text available:  pdf(558.68 KB)

Additional Information: [full citation](#)

8 Dynamic channel allocation in wireless ATM networks

A. Krämling, M. Scheibenbogen, B. Walke

November 2000 **Wireless Networks**, Volume 6 Issue 5

Full text available:  [pdf\(248.90 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

9 Real-world relativity: image-based special relativistic visualization

Daniel Weiskopf, Daniel Kobras, Hanns Ruder

October 2000 **Proceedings of the conference on Visualization '00**

Full text available:  [pdf\(682.20 KB\)](#) Additional Information: [full citation](#), [index terms](#)

Keywords: image-based rendering, plenoptic function, scientific visualization, special relativity

10 Kernel Korner: The Bullet Points: Linux 2.4 - Part Deux

Joe Pranevich

September 2000 **Linux Journal**

Full text available:  [html\(19.34 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This article should be considered an addendum to my previous "Bullet Points" article and my follow up piece on ISA PnP support in Linux 2.4 (February, 2000.)

11 A generic architecture for on-chip packet-switched interconnections

Pierre Guerrier, Alain Greiner

January 2000 **Proceedings of the conference on Design, automation and test in Europe**

Full text available:  [pdf\(100.74 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
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12 Customization of object request brokers by application specific policies

Bo Nørregård Jørgensen, Eddy Truyen, Frank Matthijs, Wouter Joosen

April 2000 **IFIP/ACM International Conference on Distributed systems platforms**

Full text available:  [pdf\(160.32 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

This paper presents an architectural framework for customizing Object Request Broker (ORB) implementations to application-specific preferences for various non-functional requirements. ORB implementations are built by reusing a domain-specific component-based architecture that offers support for one or more non-functional requirements. The domain-specific architecture provides the mechanism that allows the ORB to reconfigure its own implementation at run-time on the basis of application-specif ...

13 System management and automatic reconfiguration algorithms for in-home digital networks

András Montvay

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 2)**

Full text available:  [pdf\(254.98 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: automatic reconfiguration, graph mapper, in-home digital network, system management

14 Technology survey: future perfect

Stephan Somogyi

November 1999 **interactions**, Volume 6 Issue 6Full text available: [pdf\(545.39 KB\)](#) Additional Information: [full citation](#), [index terms](#)**15 Next century challenges: data-centric networking for invisible computing: the Portolano project at the University of Washington**

Mike Esler, Jeffrey Hightower, Tom Anderson, Gaetano Borriello

August 1999 **Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking**Full text available: [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**16 A floorplan-based planning methodology for power and clock distribution in ASICs**

Joon-Seo Yim, Seong-Ok Bae, Chong-Min Kyung

June 1999 **Proceedings of the 36th ACM/IEEE conference on Design automation**Full text available: [pdf\(1.19 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**17 Digital copy protection and SIGGRAPH public policy WWW pages**

Bob Ellis

August 1998 **ACM SIGGRAPH Computer Graphics**, Volume 32 Issue 3Full text available: [pdf\(216.38 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This column covers a policy issue I haven't discussed before: digital copy protection. I also have an update on plans for SIGGRAPH's Public Policy Web pages and a procedural item.

**18 The end of the CRT?**

Bob Myers

May 1997 **ACM SIGGRAPH Computer Graphics**, Volume 31 Issue 2Full text available: [pdf\(317.09 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Several technologies are becoming serious challengers to the time-honored cathode ray tube (CRT) as the display of choice for desktop use. This shift alone will have an impact on graphics hardware and software, but there are potentially greater changes on the horizon as these displays move off the desktop. This article examines the transition away from the CRT display, the changes this transition will demand from the rest of the computer system and what might be enabled by these new technologies ...

**19 UIST'007 (panel): where will we be ten years from now?**

Robert J. K. Jacob, Steven K. Feiner, James D. Foley, Jock D. Mackinlay, Dan R. Olsen

October 1997 **Proceedings of the 10th annual ACM symposium on User interface software and technology**Full text available: [pdf\(567.74 KB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)

Keywords: UIST'2007, future, human-computer interaction, prediction, user interface software and technology

20 Introduction—the electric garden



Rick Hopkins

January 1997 **ACM SIGGRAPH 97 Visual Proceedings: The art and interdisciplinary programs of SIGGRAPH '97**

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